

RECORDATION FORM COVER SHEET  
PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert Cohen and  
Jeff Ladwig

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other \_\_\_\_\_

Execution Date: February 27, 1998

2. Name and address of receiving party(ies)

Name: Micron Technology, Inc.

Internal Address: \_\_\_\_\_

Street Address: 8000 S. Federal Way

City: Boise State: ID ZIP: 83706-9632

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 2/27/98

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jonathan C. Parks, Esq.

Internal Address: Kirkpatrick &  
Lockhart LLP

Street Address: 1500 Oliver Building

City: Pittsburgh State: PA ZIP: 15222

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

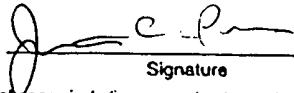
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jonathan C. Parks

Name of Person Signing



Signature

2/27/98

Date

Total number of pages including cover sheet, attachments, and document: 1

03913 U.S. PTO  
10/649435  
08/26/03



For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
           U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

## **ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Robert Cohen

(type or print name of inventors)

HC 33 Box 3212 U.S.A.

---

**Address**

**Nationality**

Jeff Ladwig

1184 E. Fleetwood Ct. U.S.A.

1000

Boise ID 83706

hereby sells, assigns and transfers to

ASSIGNEE:

Micron Technology, Inc.  
(type or print name of ASSIGNEE)

8000 S. Federal Way  
Address:

(a Delaware corporation)  
Nationality

Boise, ID 83706-9632

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_\_)% interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

MULTI-PORT MEMORY DEVICE WITH MULTIPLE MODES OF OPERATION AND IMPROVED EXPANSION CHARACTERISTICS

check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no.: / \_\_\_\_\_ filed on \_\_\_\_\_

(e)  International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this

2/26/98 & 2/27/98

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Robert Cohen  
(type name of Inventor)

Jeff Ladwig

Robert Cohen  
Signature of INVENTOR

Jeff Ladwig

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

## NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment and is only prima facie evidence of execution, 35 USC 261.

Details of Country \_\_\_\_\_

and place of signing of assignment

Robert Cohen

Jeff Ladwig

Before me this 25 day of July, 1998 personally appeared the above named individual(s), to me known to be the persons who  is  are described in and who executed the foregoing assignment instrument and acknowledged to me that

he

his

she

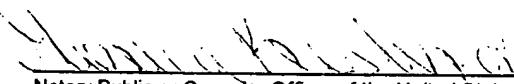
executed the same of

her

they

their

own free will for the purpose therein expressed.

  
Notary Public or Consular Officer of the United States of America